

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 10-200882

(43) Date of publication of application: 31.07.1998

(51) Int.Cl.

H04N	7/173
G06F	3/14
G06P	13/00
H04Q	7/06
H04Q	7/38

(21) Application number: 09-002522

(71) Applicant: NIPPON TELEGR & TELEPH CORP <NTT>

(22) Date of filing: 10.01.1997

(72) Inventor: KURA TSUNEKO

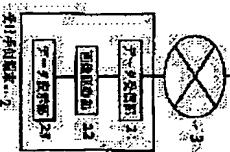
KAMEDA AKIO
OSHIMA TAKASHI
KANAYAMA HIDEAKI

(54) LOW BIT RATE IMAGE COMMUNICATION EQUIPMENT AND COMMUNICATION METHOD

(57) Abstract:

PROBLEM TO BE SOLVED: To transmit the feeling of a transmitter to a receiver side and to give the sensation of directly facing each other in real time by performing image communication including the line drawing of a piece mark and a portrait, etc., in addition to a character string and deforming the portrait matched with the feeling from voice and video images.

SOLUTION: Corresponding to portable terminal and service using the internet, a transmitter side terminal 1 is provided with a data input part 11 for inputting various data. An image data preparation and registration part 12 for preparing and registering image data to be displayed at an opposite terminal, an image data base 13 for storing the prepared image data and a data transmission part 14 for transmitting the data to a receiver side terminal are provided. The receiver side terminal 2 is provided with a data reception part 21 for storing the transmitted data, an image driving part 22 for moving the image data and a data display part 23 for outputting the moved image data.



(19) 日本国特許庁 (JP)

(12) 公開特許公報 (A)

(11) 特許出願公開番号 特開平10-200882

(43) 公開日 平成10年(1998)7月31日

(51) Int. Cl. 6

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G06F	3/14	G06F
	3 1 0	3/14
	3 5 1	3 1 0 A
H04Q	7/06	H04B
	7/26	13/00
	1 0 9	3 5 1 G
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	1 0 9	7/26
	M	1 0 9

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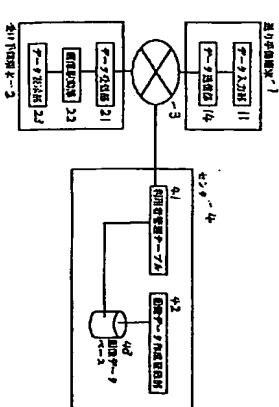
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(54) [発明の名称] 低ビットトレート画像通信装置と通信方法

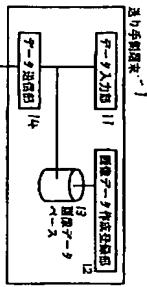
(57) [要約]

【課題】 本発明は、送り手側の感情が受け手側に伝わらないという点を解決し、面と向って話しているような感覚をもたらす低ビットトレート画像通信装置をリアルタイムに提供することを目的としている。

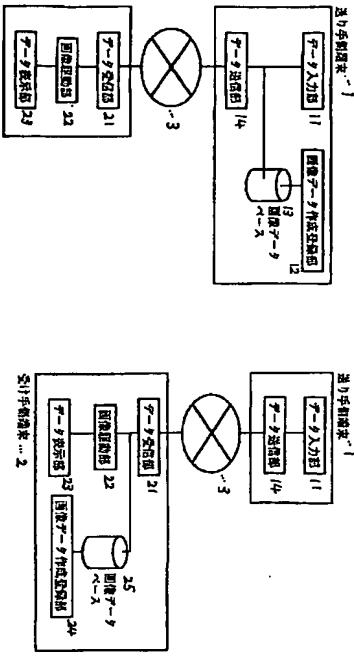
【解決手段】 例えばピースマークを利用した顔データを、利用者に対応して、画像データベースに用意しておき、通常に当って、送り手側および/または受け手側が、相手方の顔データを表示しつつ通話し、かつ必要に応じて顔の表情を変化させ得るようした。



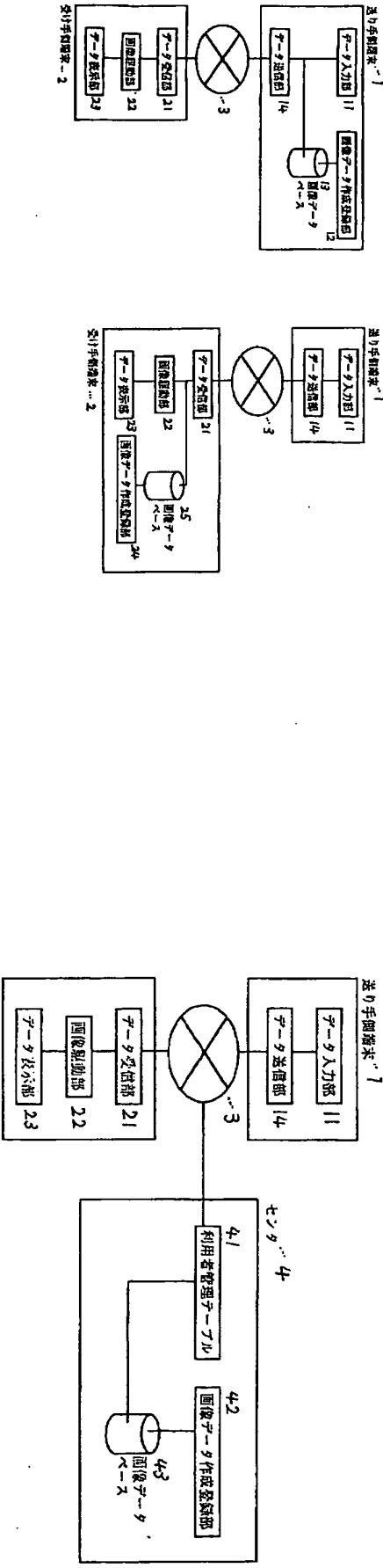
[図1]



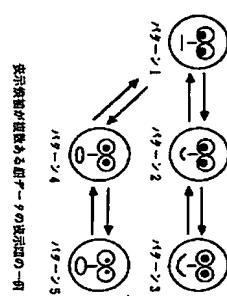
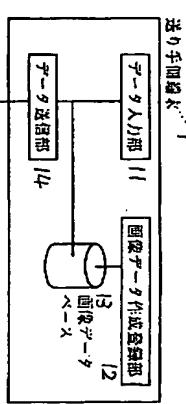
[図2]



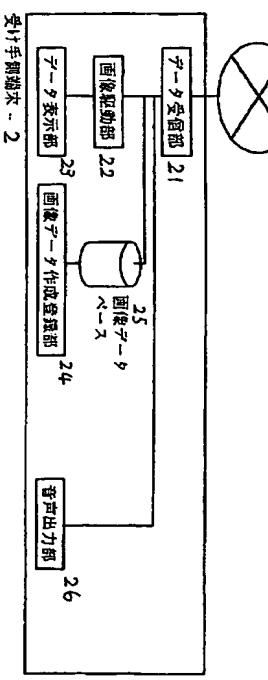
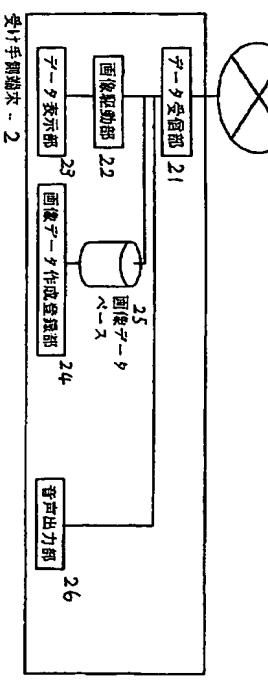
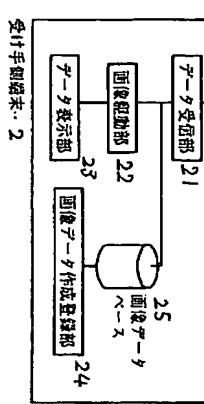
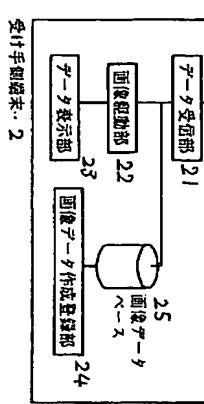
[図4]



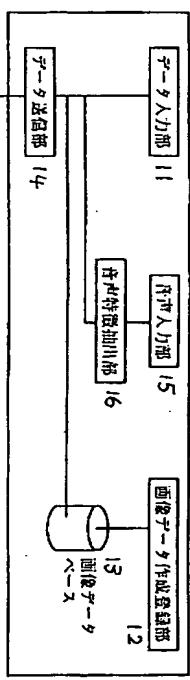
[図3]



[図4]

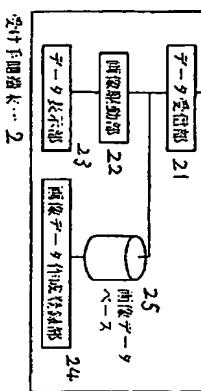
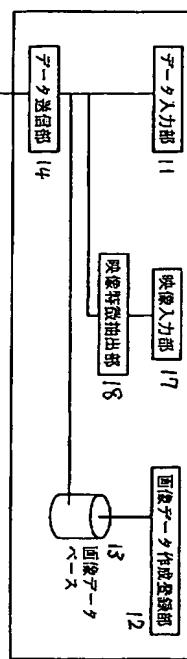


[図5]



[図6]

送り手側端末…1

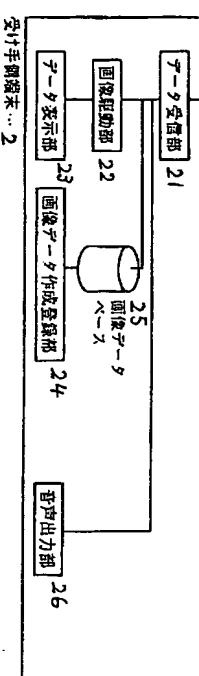
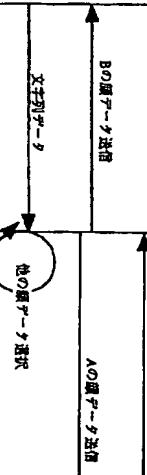
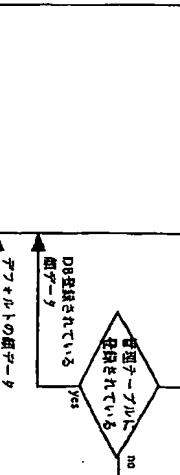
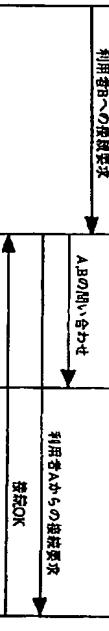


[図7]

センタの画像データベースに原データが登録してある場合

[図8]

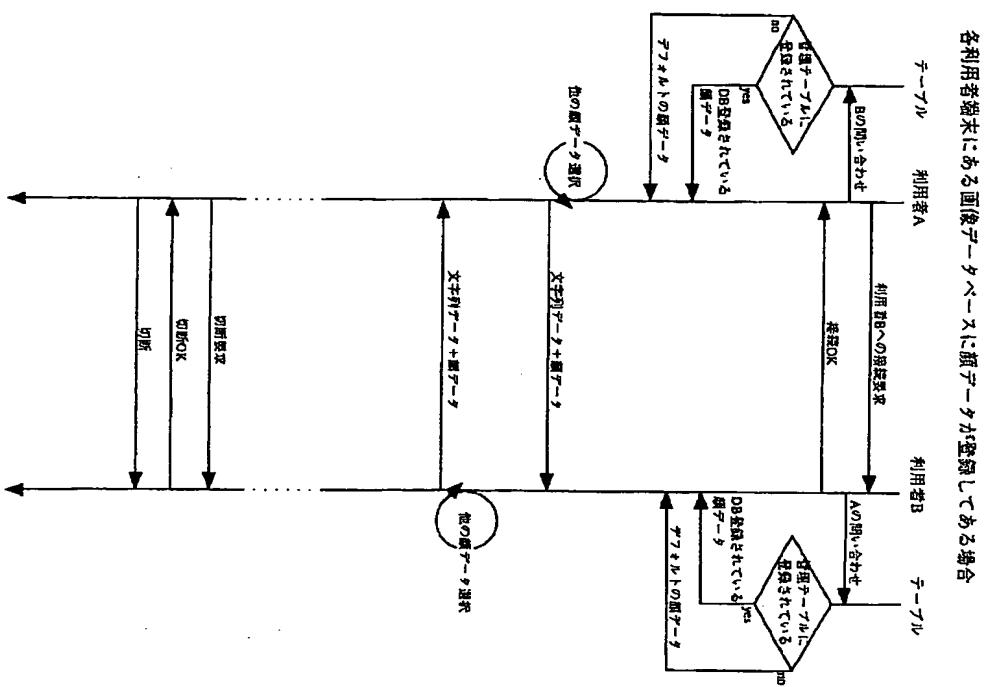
利用者A 利用者B



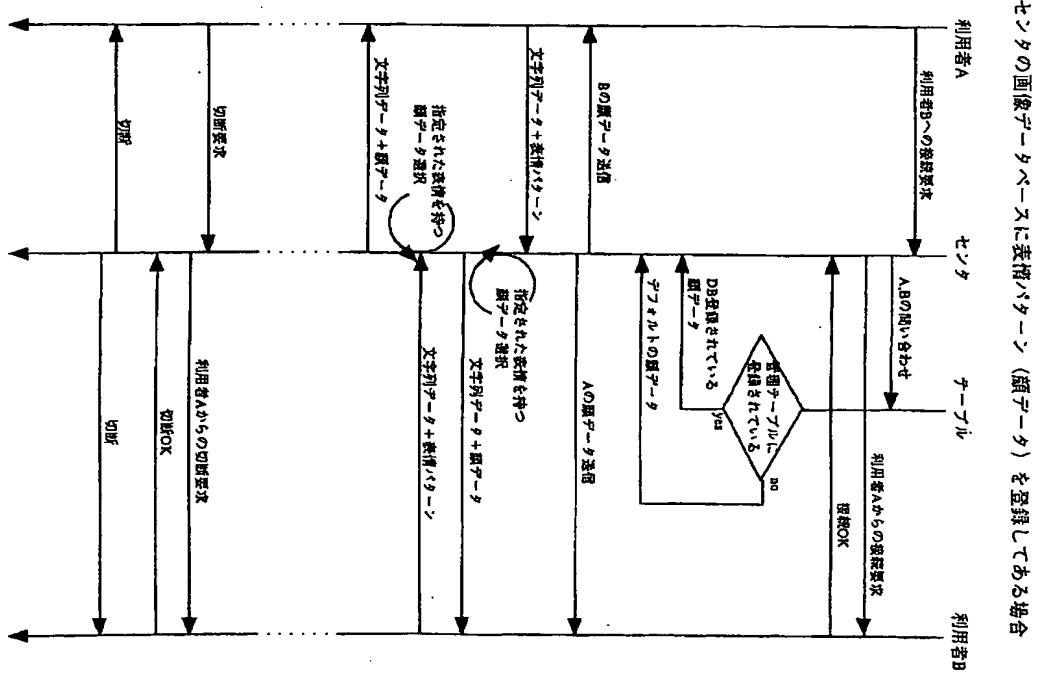
受け手側端末…2

(13)

[6]

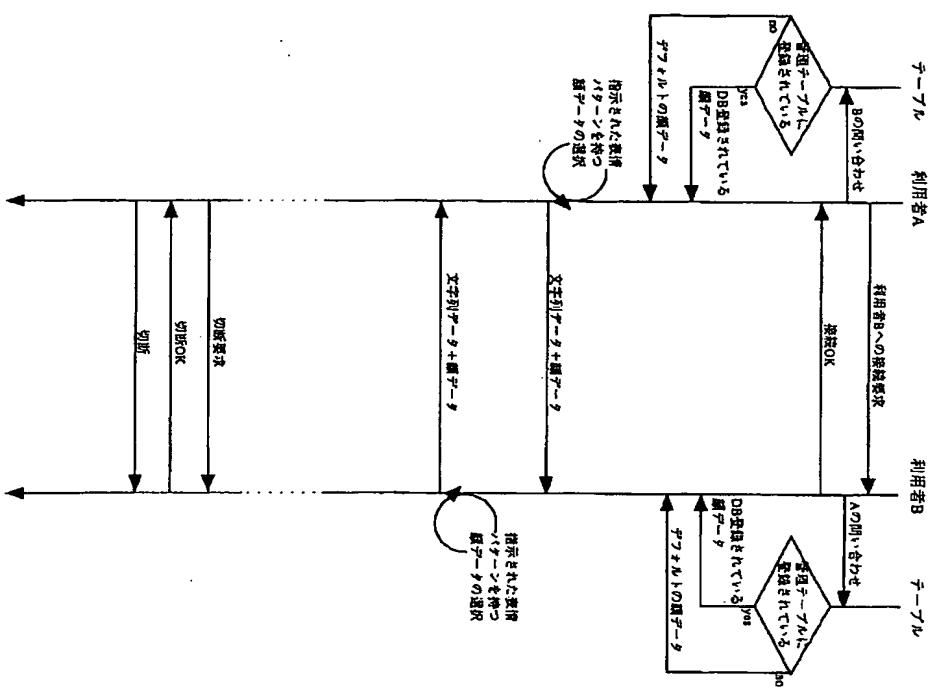


各利用者端末にある画像データベースに顔データが登録してある場合



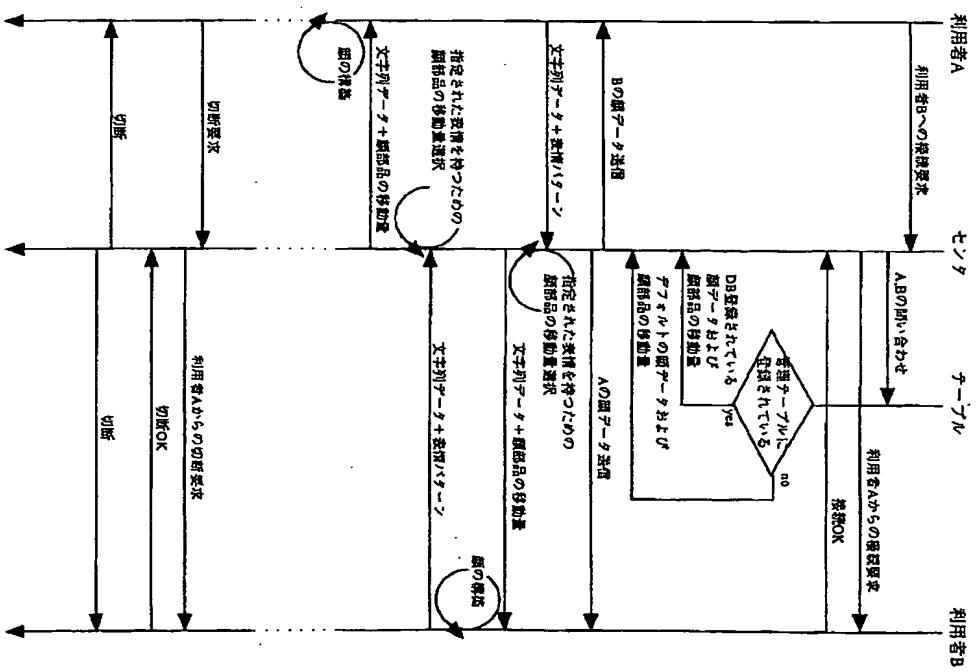
[圖11]

各利用者端末にある画像データベースに費消パターン(顔データ)を登録してある場合



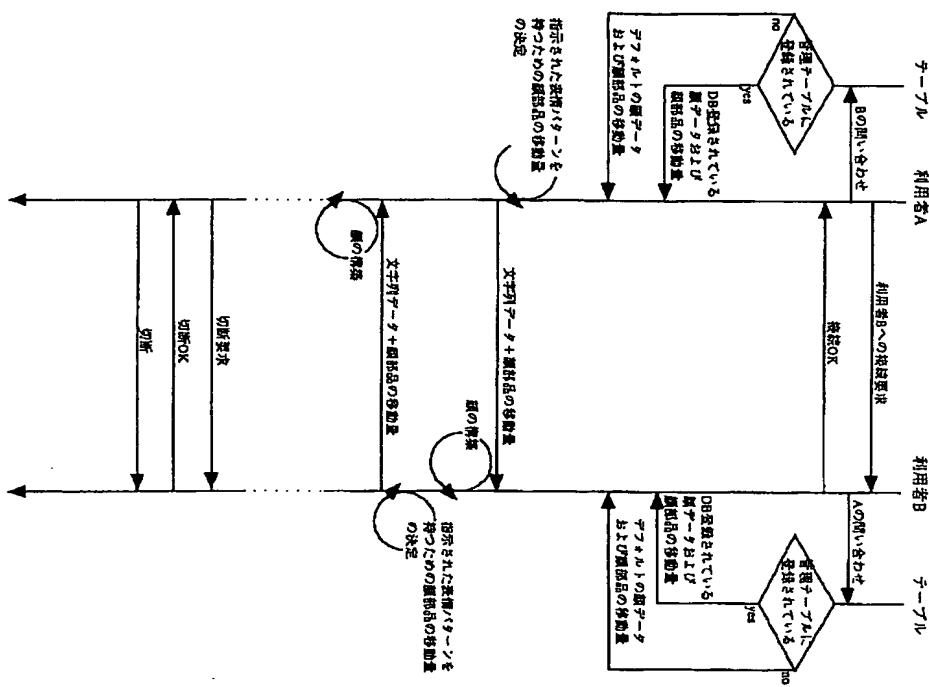
12

センタの画像データベースに表情パターン（顔部品）を登録してある場合

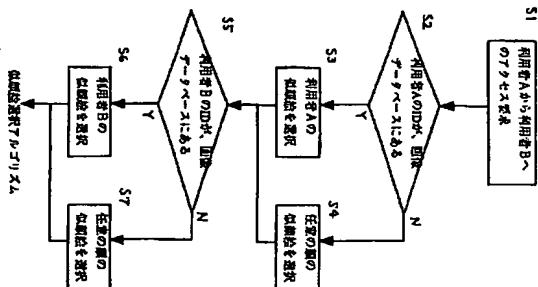


[図13]

各利用者端末にある画像データベースに表情パターン（顔部品）を登録してある場合



[図15]



フロントページの焼き

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